

To: Wolf, Steven H CIV USARMY CENAE (US)[Steven.Wolf@usace.army.mil]; Dickerson, Dave[dickerson.dave@epa.gov]; Groher, Daniel M CIV USARMY CENAE (US)[Daniel.M.Groher@usace.army.mil]; Morris, Mike (Bourne)[Mike.Morris@jacobs.com]; John Lally (john.lally@lallyconsulting.com)[john.lally@lallyconsulting.com]; Anderson, Elizabeth[Elizabeth.Anderson@jacobs.com]; Rigassio-Smith, Anita[Anita.Rigassio-Smith@jacobs.com]
Cc: Lederer, Dave[Lederer.Dave@epa.gov]; Ellen Iorio[maryellen.iorio@usace.army.mil]
From: White, Patricia
Sent: Wed 6/7/2017 3:38:55 PM
Subject: 25 May capping update - CapSim link and other info
[CapSim 3.5 Quick Start Manual.pdf](#)
[Silver Lake CD SOW Tech Att K.pdf](#)

Good morning,

Below is the link to the Texas Tech (Danny Reible's) publicly-available CapSim model. This model can be used to predict contaminant transport through caps of various configurations (layer types and thicknesses) to support cap design. For convenience, I have attached the User's Guide that describes how the model works. Perhaps this tool could be used to evaluate the suitability of the presumptive (Silver Lake) cap design for an interim cap at Aerovox and identify potential modifications to optimize the design, and to identify any additional data needs for cap design.

<https://www.depts.ttu.edu/ceweb/groups/reiblesgroup/CapSim.html>

The basis of design for the Silver Lake cap was provided in the original Consent Decree Statement of Work (dated October 1999). Steve asked a question last week about the background work done for the cap design - I think the attached excerpt from the SOW answers that question. The Silver Lake Sediments PDI was subsequently performed to verify the design assumptions in the SOW. The RD/RA Work Plan for Silver Lake sediments indicates that the updated cap design was documented in EPA's August 17, 2004 conditional approval letter for the Sediments PDI Report.

Patty

-----Original Message-----

From: Wolf, Steven H CIV USARMY CENAE (US) [mailto:Steven.Wolf@usace.army.mil]
Sent: Tuesday, June 06, 2017 1:58 PM
To: dickerson.dave@epa.gov; Groher, Daniel M CIV USARMY CENAE (US) <Daniel.M.Groher@usace.army.mil>; Morris, Mike (Bourne) <Mike.Morris@jacobs.com>; John Lally (john.lally@lallyconsulting.com) <john.lally@lallyconsulting.com>; White, Patricia <whitep@battelle.org>; Anderson, Elizabeth <Elizabeth.Anderson@jacobs.com>; Anita Sailingvoyagers <anita@sailingvoyagers.com>
Cc: Lederer, Dave <Lederer.Dave@epa.gov>; Iorio, Maryellen CIV USARMY CENAE (US) <Maryellen.Iorio@usace.army.mil>
Subject: RE: 25 May capping update

Message received from outside the Battelle network. Carefully examine it before you open any links or attachments.

Greetings, you should have an invite from Mike Morris for a recurring weekly update call in your Outlook for Thursday at 1:00 EDT. I've attached a summary from last week's call as background/agenda for this week. Thanks, Steve

Steven Wolf
U.S. Army Corps of Engineers New England District
696 Virginia Road
Concord, MA 01742

(978) 318-8241 office
(978) 201-1928 mobile
steven.wolf@usace.army.mil